

INTEGRATED BUSINESS SYSTEM FOR THE DESIGN, EXECUTION, AND MANAGEMENT OF PROJECTS

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5 ABSTRACT OF THE DISCLOSURE

10 The system of method for building a database for the design and execution of
projects is described. This system includes a host computer system in data
communication with a central database and at least first and second databases. The
central data base stores information relating to the design and execution of the project
15 predetermined to be important to one or more project team members. The first and
second databases are in communication with first and second computer systems which
may be remotely located from each other and which execute standard industry
software tools. The host computer system is configured to monitor a plurality of
transactions to the first database. Each of the plurality of transactions stores data in
20 the first database. The monitoring includes comparing the plurality of a transaction
against a predetermined transaction. If the host computer detects a match between
one of the plurality of transactions and the predetermined transaction, the host
computer reads the first data stored in the first database by the matched transaction
and stores the first data in either the second database or the central database, or both.
Additionally, the host computer system generates a message indicating that the first
database was updated with the first data. This message is then transmitted to the
second computer system.